WELCOME

PRESIDENT HARVEY G. STENGER, THE BINGHAMTON UNIVERSITY COUNCIL, FACULTY, ALUMNI AND STUDENTS OF BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK, ARE HONORED BY YOUR PRESENCE AT THE SPRING 2018 COMMENCEMENT CEREMONY.
MESSAGE FROM THE UNIVERSITY PRESIDENT

Graduates, parents and special guests: Commencement is always the highlight of the academic year, for the students we are honoring, especially, but also for the faculty and staff who have helped our students achieve so much. Our graduates now look to the next stage in their lives, with new careers and new relationships ahead. All of us at the University are confident that their experiences at Binghamton will allow them to attain their full potential.

Today’s ceremonies celebrate their achievements as students, scholars and engaged citizens, and mark the turning point when our graduates begin to apply their talents “in the real world.” Whatever the future holds for them, they leave Binghamton with a strong foundation for success.

They will succeed because they already have gained the experiences and knowledge that their careers and future engagements will demand of them. Ours is a campus where students learn by doing, and these graduates have already proven themselves – winning prestigious casework competitions and grants; publishing papers that have gained acclaim from scientists and scholars; and bettering their communities through hands-on internships and practicums.

Outside the classroom, they have embraced their responsibilities as active members of the community. They’ve raised funds to combat deadly disease, provided food for the hungry, taught younger students in local schools, and traveled across the globe to work with and learn from their international peers. Their actions and achievements are inspiring and set a high bar for the classes that will follow, and it is my great wish that they will all remain members of the Binghamton University community.

Our graduates have learned the practical, technical and professional skills that will enable success throughout their careers. But most important, Binghamton University has provided the foundation in the liberal arts and participation in a diverse and international student body that gives all our students the understanding and perspectives they need to address the challenges of the coming decades.

While our focus is on our students, we appreciate that Commencement is a shared celebration. It recognizes not only the talents and perseverance of our graduates, but also the dedication and commitment of the outstanding faculty who helped them learn. And most of all, it allows us to recognize the support and guidance of families and friends. I hope that everyone here today will find special meaning in these ceremonies. Thank you for all you have done for our students.

It has been a pleasure to witness the achievements of the Class of 2018. Graduates, thank you for choosing Binghamton University. I am pleased and proud to celebrate with you today, certain that you are well prepared for the future and that your accomplishments will be significant.

Sincerely,

Harvey G. Stenger
President
EVENTS CENTER
MAY 18, 2018

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Regalia Hood Colors (inside back cover)
Alma Mater (back cover)
Congratulations to you, the amazing Class of 2018! Among the many gifts you'll receive, allow me to add one that has tremendous value and will be with you for your entire life — automatic membership in the Binghamton University Alumni Association. This privilege is not to be underestimated, and with your participation it can provide you with concrete social and professional benefits.

One of the most valuable benefits is your membership in a powerful alumni network of about 134,000 graduates. We have alumni in every state and in more than 100 countries. We bring alumni together throughout the year through events no matter where you live. There are several chapters across the country and if you want to start one in your city, just let us know.

Regardless of where you live, you can always find Binghamton graduates online. I strongly encourage you to immediately engage with this vast network through our Facebook page, LinkedIn groups and other social media properties, and be sure that your information is always up-to-date in our online directory, B-connected. These are all available through binghamton.edu/alumni. Please find us and help us find you.

For those of you in the Metro New York region, join us in a few weeks at a special welcome event for the Class of 2018; look for an email invitation with the date, location and details. Come back to campus this Oct. 5–7 for Homecoming and, when you do, be sure to visit your Alumni Center, located right in the heart of campus!

As you move on and become successful in the next chapter in your life, I hope you'll think about the generations of Binghamton students that will follow, and consider ways to connect with them. The Alumni Association can help you pay it forward in many different ways depending on your interests and available time.

Until then, I wish you all the best, and look forward to being in touch! #BingPride

Warmest regards,

Gary Kibel ’90, MBA ’92
HONORARY DEGREES

Binghamton University, in addition to awarding baccalaureate, master’s and doctoral degrees for work completed at the University, looks outside itself to identify individuals who, by their accomplishments, represent what the University values and strives to instill in its graduates. It may be scholarly attainment, it may be artistic excellence, it may be a life of outstanding service. These are exceptional individuals in all fields of endeavor who serve as role models and inspirations for students and faculty alike. It is for these reasons that Binghamton University recognizes them with an honorary degree from the State University of New York – Doctor of Fine Arts, Doctor of Humane Letters, Doctor of Laws or Doctor of Science. In doing so, the University not only celebrates their achievements, but also claims them proudly as having a special relationship with Binghamton University.

HONORARY DEGREE RECIPIENTS

Ali Çarkoğlu

DOCTOR OF HUMANE LETTERS

Ali Çarkoğlu, professor, higher education administrator, political commentator and pathbreaker, earned his bachelor’s and master’s degrees in economics from Turkey’s Boğaziçi University in 1986 and 1988, respectively. He received another master’s degree in economics from Rutgers University in 1989, and a PhD in political science from Binghamton University in 1994.

Currently dean of the College of Administrative Sciences and Economics and professor of international relations at Koç University in Istanbul, he is among the most prominent and accomplished political scientists in Turkey.

His work has led to a more comprehensive understanding of Turkey’s political evolution over the past 30 years, and has examined critical elements of Turkey’s development as a nation, including the growth of philanthropy and civil society, the establishment of democratic traditions, the rise of conservatism in Turkish politics, and the role of local and central governments in policy making and political Islam.

Collaboration between Binghamton and Turkish universities has been made stronger with Çarkoğlu playing a vital role as a key faculty liaison in stimulating interest at critical early stages of setting up and organizing the dual-diploma program in Global and International Affairs. He remains a research partner with Michael McDonald, professor of political science and director of Binghamton University’s Center on Democratic Performance; with David Campbell, associate professor of public administration; and in cooperation with A. Serdar Atav, professor of health policy and research in the Decker School of Nursing.
Asunción Cummings Hostin
DOCTOR OF LAWS

Asunción Cummings “Sunny” Hostin, former federal prosecutor, columnist, social commentator and multi-platform journalist, enrolled at Binghamton University as an Educational Opportunity Program (EOP) student at the age of 16, received her bachelor's degree in English and rhetoric in 1990, and earned her law degree from Notre Dame Law School in 1994.

Currently the senior legal correspondent and analyst for ABC News and co-host since 2016 of ABC Daytime’s morning show The View, she has been an assistant U.S. attorney in the District of Columbia, specializing in child sex crimes, and was also a managing director of Business Intelligence and Investigations at Kroll, the world’s leading risk-consulting company.

She also has been a legal analyst for CNN, appearing on several of its shows. In 2008, she was named to Crain’s 40 Under 40 New York’s Rising Stars list and she is the recipient of the Alvin McKenna Alumnus of the Year Award from Notre Dame Law School.

Hostin serves on the Harpur Advisory Council and has been the featured speaker for the Alumni Association Special Recognition Awards Ceremony, a panelist during the 2015 Metro Career Night and a speaker for the 2015 student-organized TEDxBinghamton University conference, speaking on “Three Stages of Discovering One's Purpose in Life: A Possibility Model.”

Hostin lives with her husband, orthopedic surgeon Dr. Emmanuel Hostin, and her son and daughter, in Westchester County, NY. She and her husband are part owners of Alvin & Friends Restaurant in New Rochelle, NY., which serves contemporary cuisine with Southern and Caribbean flavors.
Aaron Mair
DOCTOR OF HUMANE LETTERS

Aaron Mair, one of the founders of the environmental justice movement, graduated from Binghamton University in 1984 with a bachelor’s degree in history and sociology. He also earned a certificate in Southwest Asia and North Africa Studies. He attended the Naval Education and Training Center in Rhode Island and the American University in Cairo, Egypt, and completed doctoral work at Binghamton University in political science, with the exception of a dissertation.

He is an epidemiological-spatial analyst with the New York State Department of Health, and an ad-hoc public health community disaster responder, including for the World Trade Center disaster.

In May 2015, he was elected the 57th president of the national Sierra Club, one of the largest and most effective environmental organizations in the world, by its more than 1.3 million members. He is the first African-American to hold the position.

Mair made an inspiring visit to campus in October 2016, explaining that he wanted students to understand that Binghamton University is where he learned the critical thinking, arguing and communication skills that positioned him for his role as an environmental justice pioneer. He also made a point to visit the Educational Opportunity Program (EOP), which had given him the opportunity to attend college.

Mair co-hosts the AM radio talk show “News, Views, and Interviews” for WROW in Albany, N.Y., and serves on the Office of Public Health Practice, Public Health Information Group, working to identify geographic information system (GIS) capabilities and resources.

He resides in Schenectady, N.Y.
GRADUATE COMMENCEMENT CEREMONY

FRIDAY, MAY 18, 4 P.M.

PRELUDE

“Fanfare and Flourishes” (1995), James Curnow
“Irish Rhapsody” (1971), Clare Grundman
“Wrong Note Rag,” from Wonderful Town (1953), Leonard Bernstein, arr. Ted Ricketts
“America the Beautiful” (1958), Samuel Augustus Ward, arr. Carmen Dragon
“Galop,” from Moscow, Cheryomushki (1959), Dmitri Shostakovich, trans. Donald Hunsberger

University Wind Symphony
Daniel Fabricius, Conductor

PROCESSIONAL

“Pomp and Circumstance,” Theme from “March No. 1,” Edward Elgar, arr. Clare Grundman

GRAND MARSHAL
Jonathan Karp, Associate Professor, Judaic Studies, Chair, Faculty Senate
SCHOOL MARSHALS

Graduate School
Sarah S. Lam, Professor, Systems Science and Industrial Engineering, Associate Dean
Agnitra Roy Choudhury, Economics

Harpur College of Arts and Sciences
Florenz Plassmann, Professor, Economics and Political Science, Director, Philosophy, Interpretation and Culture Program, Associate Dean
Todd Rutkowski, Physics

School of Management
George Bobinski, Associate Dean
Guqing Shi, Accounting

Thomas J. Watson School of Engineering and Applied Science
John Bay, Professor, Electrical and Computer Engineering, Associate Dean
Jenny Liang, Electrical and Computer Engineering

PIPERS
Edward Maloney Memorial Pipe Band

Pipers lead in the faculty and platform party in tribute to Robert Harpur, an eminent colonial New Yorker of Scottish heritage, whose name is linked with the historic roots of the University.

PLATFORM PARTY

Harvey G. Stenger, President
Linda H. Biemer, Binghamton University Council
Ali Çarkoğlu, PhD ’94, Honorary Degree Recipient
Elizabeth S. Chilton, Dean, Harpur College of Arts and Sciences
Upinder S. Dhillon, Dean, School of Management
Sheila Doyle, Executive Director of Binghamton University Foundation
Kathryn Grant Madigan, Esq., Chair, Binghamton University Council
Asunción Cummings Hostin ’90, Honorary Degree Recipient
Courtney Ignarri, Chair, Professional Staff Senate
Jonathan Karp, Associate Professor, Judaic Studies, Chair, Faculty Senate
Curtis Kendrick, Dean, University Libraries
Gary Kibel ’90, MBA ’92, Alumni Association President
Kristina Lambright, Associate Professor, Associate Dean, College of Community and Public Affairs
Aaron Mair ’84, Honorary Degree Recipient
Dennis C. McCabe, Esq., Binghamton University Council
Michael McGoff ’70, MA ’74, PhD ’80, Senior Vice Provost and Chief Financial Officer
Gloria E. Meredith, Founding Dean, School of Pharmacy and Pharmaceutical Sciences
Pamela A. Mischen, Platform Party Marshal, Associate Professor, Public Administration, Faculty Advisor to the President
JoAnn J. Navarro ’93, MBA ’02, Vice President for Operations
Donald G. Nieman, Provost and Executive Vice President for Academic Affairs
Mario R. Ortiz, Dean, Decker School of Nursing
Brian T. Rose, Vice President for Student Affairs, Interim Vice President for Advancement
Krishnaswami Srihari, Dean, Thomas J. Watson School of Engineering and Applied Science, Executive Vice Provost for International Initiatives and Chief Global Affairs Officer, Distinguished Professor, Systems Science and Industrial Engineering
Aondover A. Tarhule, Vice Provost and Dean, Graduate School
ORDER OF EXERCISES

CEREMONY OPENING
Grand Marshal Karp

NATIONAL ANTHEM
“The Star-Spangled Banner,” John Stafford Smith, arr. Daniel Fabricius
Vocal performance by Kaleigh Watkins

PRESIDENT’S WELCOME
Harvey G. Stenger

PROVOST’S WELCOME
Donald G. Nieman

DEAN’S WELCOME
Aondover A. Tarhule

ALUMNI ASSOCIATION WELCOME
Gary Kibel ’90, MBA ’92

INTRODUCTION OF HONORARY DEGREE RECIPIENTS
President Stenger
Ali Çarkoğlu, Doctor of Humane Letters
Asunción Cummings Hostin, Doctor of Laws
Aaron Mair, Doctor of Humane Letters

HONORARY DEGREE RECIPIENT REMARKS
Aaron Mair

PRESENTATION OF CANDIDATES FOR AND CONFERING OF DOCTORAL DEGREES
Dean Tarhule
President Stenger

PRESENTATION OF CANDIDATES FOR CERTIFICATES OF ADVANCED STUDIES AND CANDIDATES FOR MASTER’S DEGREES
Harpur College of Arts and Sciences
Elizabeth S. Chilton
President Stenger

School of Management
Upinder S. Dhillon
President Stenger

Thomas J. Watson School of Engineering and Applied Science
Krishnaswami Srihari
President Stenger

CONFERRING OF CERTIFICATES OF ADVANCED STUDIES AND MASTER’S DEGREES
Provost Nieman
President Stenger

ALMA MATER
“In the Rolling Hills of Binghamton,” words by Xin Engel, music by David Engel ’86, arr. Daniel Fabricius (lyrics on back cover)
Vocal performance by Kaleigh Watkins

CEREMONY CLOSING
Grand Marshal Karp

RECESSIONAL
“Fanfare,” from La Péri (1912), Paul Dukas, arr. Robert Longfield
“Symphonic Marches,” John Williams, arr. John Higgins
“March, Folk Songs from Somerset,” from English Folk Song Suite (1924), Ralph Vaughan Williams
Michael Cangemi
“‘They are the Poor, Crying Out for Justice’: The Catholic Left and U.S. Guatemalan Relations, 1976-1985”
History: Prof. Stephen Ortiz

Francis Juma Osonga
“Design and Synthesis of Novel Flavonoid Derivatives for Green and Sustainable Nanotechnology, Environmental and Potential Biological Applications”
Chemistry: Prof. Omowunmi A. Sadik

Kimberly Lynne Santucci
“Combinatorial Strategies and Molecular Targets for the Treatment of Androgen Independent Prostate Cancer with Cryosurgical Applications”
Biological Sciences: Prof. John G. Baust

Matthew Joseph Wahila
“Band Engineering Transparent Metal Oxide Semiconductors: Disorder, Coordination, and Orbital Hybridization”
Physics: Prof. Louis F. J. Piper

Matthew Blake Wilson
“What’s So Private About Private Property?”
Philosophy: Prof. Max Pensky
CANDIDATES FOR DOCTORAL DEGREES

Ramón Alejandro Aguirre Maturana
“Geology of the Iron Ore Deposits in the Pleito-Melón District, Coastal Cordillera, Atacama Region, Chile”
Geological Sciences: Prof. H. Richard Naslund

Shahrokh Akhlaghi
“Power System Dynamic State Estimation and Parameter Identification”
Electrical Engineering: Prof. Ning Zhou

Musa Ahmad Alzghoul
“Translation and Conflict: Arabs’ Dilemmas Post Arab Spring Uprisings and their Impact on Translation from Arabic into English”
Translation Studies: Prof. Joshua Price

Stephen John Ambrozik**
“Strategies for the Layer-by-Layer Electrodeposition of Ultra-Thin Metal Films”
Chemistry: Prof. Nikolay Dimitrov

Toivo Asheeke
Sociology: Prof. William Martin

Ryan J. Asher
“The Most Important Meal: A History of the National School Breakfast Program”
History: Prof. Leigh Ann Wheeler

Faruk Ballipinar
“Thin Film Solar Cells Based on Metal Sulfides and Organic Perovskite Semiconductors”
Electrical Engineering: Prof. Alok C. Rastogi

Jessica Baltman*
“Mechanisms of Change in Lovingkindness Meditation”
Clinical Psychology: Prof. Steven Jay Lynn

Aniruddha Banerjee**
“Impact of Using M-Health Technology on Chronic Disease Patient Care”
Management: Prof. Saligrama Agnihothri

Najla Barnawi
“The Effects of a Digital Educational Intervention on Undergraduate Nursing Student’s Attitudes, Knowledge and Self-Efficacy with Female Genital Cutting”
Nursing: Prof. Carolyn Pierce

Thomas Webster Bartenstein**
“Rate Types for Stream Programs”
Computer Science: Prof. Yu (David) Liu

Jake Mathew Bartholomew**
“How Nice of You, Doctor: Adorno’s Freudian Ethics”
Social, Political, Ethical and Legal Philosophy (SPEL): Prof. Max Pensky

Richard Paul Behr
“Edge Coloring and Special Edges of Signed Graphs”
Mathematics: Prof. Thomas Zaslavsky

Aaron Michael Bell**
“The World’s Agony Raised to a Concept: Negative Dialectics and Animal Suffering”
Social, Political, Ethical and Legal Philosophy (SPEL): Prof. Max Pensky

Courtney B. Benjamin
“Quantitative Analyses of High School Career and Technical Education Concentrators and their Postsecondary Education Outcomes from the USDOE, National Center for Education Statistics, Education Longitudinal Study of 2002”
Educational Theory, Research and Practice: Prof. Pamela Sandoval

Robert L. Berger
“Enemy Life: Theorizing Exile through Milton, Shelley and Byron”
English: Prof. Jean-Pierre Mileur

Jeremy Matthew Berkowitz
“Dangerous Delegation: Explaining the Rationales and Outcomes of State Sponsorship of Terrorism through the Principal-Agent Framework”
Political Science: Prof. Seden Akcinaroglu

Andrew M. Blaine**
“Interaction and Presence in the K-12 Online Classroom”
Educational Theory, Research and Practice: Prof. Matthew McConnell

Lakshmi Damayanthi Bulathsinghala
“Indigenous Folk Styles and the Creation of a ‘Modern Sinhala Theatre’ in Post-Independence Sri Lanka”
Philosophy, Interpretation and Culture (PIC): Prof. Elizabeth Tucker

Sarah A. Bull
“Hovering”
English: Prof. Liz Rosenberg

Sule Can
“Urban Encounters at the Margins: Ethnoreligious Conflict and Political Change at the Turkish-Syrian Border”
Anthropology: Prof. Thomas M. Wilson

Michael Cangemi*
“They are the Poor, Crying Out for Justice: The Catholic Left and U.S. Guatemalan Relations, 1976-1985”
History: Prof. Stephen Ortiz

Maria P. Chaves
“Making and Breaking Silence(s): Listening to Women of Color Narrative for Social Change in the Horizontal Contact Zone”
English: Prof. Aja Martinez

Ning Chen
“Smart Transportation Enabled by Edge Computing: Architecture, Modeling and Experiments”
Electrical Engineering: Prof. Yu Chen

Kathryn Ealine Cherny
“Role of Degradative Enzymes in P. Aeruginosa Induced-Dispersion Events”
Biological Sciences: Prof. Karin Sauer
CANDIDATES FOR DOCTORAL DEGREES

Ian Michael Claydon
“Design, Development, and Implementation of a Microfluidic Based Electrochemical Cell for Biofilm Analysis”
Mechanical Engineering: Prof. Bahgat Sammakia

Mikhail Angelo Coloma**
“Reverse Fluid Transport Mechanism Due to Pulsations with Reflected Boundary Waves: A Model for Perivascular Drainage in the Brain”
Mechanical Engineering: Prof. Paul Chiarot and Prof. Peter Huang

Liam Patrick Condon**
“Expectancy Effects in a Brief Mindfulness Intervention”
Clinical Psychology: Prof. Steven Jay Lynn

Kara R. Connelly
“Improving Breastfeeding Education Among Hospital Nurses”
Family Nurse Practitioner: Prof. Nicole Rouhana

Anthony J. Costantino**
“Detection and Interpretation of Fluorescence Signals Generated by Excitable Cells and Tissues”
Electrical Engineering: Prof. Mark Fowler

Nannette S. Cowen
“The Effect of Physical Activity Recommendations in Achieving a Therapeutic Level of Activity in Adults Who are at Risk for Type 2 Diabetes”
Nursing: Prof. Pamela Stewart-Fabs

Hannah Cronk**
Chemistry: Prof. Chuan-Jian Zhong

Carol Anne Dannenhoffer
“The Role of GABA and Glutamate Systems in the Persistence of Adolescent-Typical Behavior in Adults Following AIE: Alterations in Excitatory/Inhibitory (E/I) Balance”
Behavioral Neuroscience: Prof. Linda P. Spear

Matthew E. Davis**
“Comprehensive Modeling of Industrial Control Systems for Cyber-Security Applications”
Electrical and Computer Engineering: Prof. Victor Skormin

Victoria Elizabeth Delaney
“Manifestations of Resistance: Colonialism, Decolonization and Assertions of Identity in Wifredo Lam’s ‘La Jungla’”
Philosophy, Interpretation and Culture (PIC): Prof. Nkiru Nzegwu

Renan Ignacio Del Valle Rueda
“Towards Mitigating Co-Incident Peak Power Consumption and Managing Energy Utilization in Heterogeneous Clusters”
Computer Science: Prof. Madhusudhan Govindaraju

Tomas Denemark
“Side-Information for Steganography Design and Detection”
Electrical Engineering: Prof. Jessica Fridrich

Rahul N. Dixit**
“Optical Back Scattering of Water Droplets (Clouds) and Solid Silica Particles (Volcanic Ash) for Application to Airborne and Unmanned Aerial Vehicles”
Electrical Engineering: Prof. David Klotzkin

Cagatay Emre Dogan
“Picturing the Nation: Turkish Republican Era Photographic Representations of Istanbul”
Art History: Prof. Tom McDonough

Xiaojie Du
“Inference in Linear Regression with Symmetric Errors: An Empirical Likelihood Approach”
Mathematics: Prof. Anton Schick

Katharine Ellenberger
“The Institutional Components of Collaborative Archaeology”
Anthropology: Prof. Siobhan Hart

Evrin Engin
“Material Temporalities: A Radical Materialist Approach to the Question of Time”
Philosophy, Interpretation and Culture (PIC): Prof. Gisela Brinker-Gabler

Dmitry Evtushkin*
“Secure Program Execution Through Hardware-Supported Isolation”
Computer Science: Prof. Dmitry Ponomarev

Katherine E. Felt
“Nowhere to Run: Measuring How Refugee Flows and Rights Shape Civil Conflict”
Political Science: Prof. David Clark

Maomao Feng
“Understanding English Teachers’ Identity in China under Globalization”
Teaching, Learning and Educational Leadership: Prof. Hoe Kyeung Kim

Katherine L. Fleming**
“Establishing Community and Perpetuating the Faith: The Shakers of Pleasant Hill, Kentucky”
Anthropology: Prof. Thomas M. Wilson

Samantha Kylie Fox*
Sociology: Prof. Denis O’Hearn

Mohammadreza Ghobaniparvar
“Oscillation Analysis in Power Systems Using Phasor Measurement Unit (PMU) Data”
Electrical Engineering: Prof. Ning Zhou

Sophia Judy Givre**
Sociology: Prof. Dale Tomich

Tamika Gordon
“A System Dynamics Approach to Evaluate the Effectiveness of Integrated Care on Access to Behavioral Healthcare Services”
Industrial and Systems Engineering: Prof. Mohammad T. Khasawneh

Daniel W. Hampton
“Determinants of Profit Levels and Charity Care Provision: A National Study of Nonprofit Hospitals”
Community and Public Affairs: Prof. David Campbell and Prof. A. Serdar Atav

Chendong Han
“Enzyme-Encapsulated Polymeric Nanoparticles as a Novel Approach in Biofilm Treatments”
Biomedical Engineering: Prof. Amber Doiron

Benita Lynette Harris
“Perceived Self-Efficacy for Drug use Avoidance in Clients Receiving Medication Assisted Treatment Compared to Opioid Replacement Therapy”
Community Health NP: Prof. Gale Spencer

Jeremy David Hauze**
“Restrictions on Potential Automatic Structures on Thompson’s Group F”
Mathematics: Prof. Matthew G. Brin

Tian He
“Optimization Study of Dual-Gantry Collect-and-Place Machines”
Systems Science: Prof. Sang Won Yoon

Christianla R. Hills
“On the Potentiality of Constrained Writing in Translation: Michèle Audin’s One Hundred Twenty-One Days”
Translation Studies: Prof. Joshua Price

*Degrees awarded summer 2017  **Degrees awarded fall 2017
Garrett Honke**
"Causes and Predictors of Thematic Intrusion on Human Similarity Judgments"
Cognitive Psychology: Prof. Kenneth J. Kurtz

Binbin Huang
"On a Pseudodifferential Calculus with Modest Boundary Decay Condition"
Mathematics: Prof. Paul Loya

Muna Hussain
"Good Mothers, Bad Sisters: Arab Women Writers and the Nation"
Comparative Literature: Prof. Monika Mehta

Tamkin Hussain
"The Speculative Jewel: Perspective and the Fourth Dimension"
Comparative Literature: Prof. Brett Levinson

Alwathiqbella Ibrahim*
"Nonlinear Dynamics of Beam-Mass Systems with Applications for Frequency Mixing and Energy Harvesting"
Mechanical Engineering: Prof. Shahrzad "Sherry" Towfighian

Ann K. Johnson**
"Reframing Trauma from Violence to Women as Freedom: World Loss and the Possibility of Self-Reconstitution"
Social, Political, Ethical and Legal Philosophy (SPEL): Prof. Bat-Ami Bar On

Simon John Joyce**
"Interaction Graphs Derived from Activation Functions"
Mathematics: Prof. Thomas Zaslavsky

Haval Rasheed Kareem
"Synthesis of Nanocatalysts and In Situ Spectroscopic Characterization of Surface Species and Sites in Catalytic Oxidation Reactions"
Chemistry: Prof. Chuan-Jian Zhong

Victor Murithi Kariuki*
"Novel Poly (Amic) Acid Chemistries, Characterization and Application in Sensing and Nanotechnology"
Chemistry: Prof. Omowunmi A. Sadik

Andrew Kelley*
"Maximal Subgroup Growth of Some Groups"
Mathematics: Prof. Marcin Mazur

Brian Kelly
"American Parts"
English: Prof. Leslie Heywood

Nourma Yousef Izzat Khader
"Stencil Printing Process Optimization to Control Solder Paste Volume Transfer Efficiency"
Industrial and Systems Engineering: Prof. Sang Won Yoon

Neel Mandar Khurjekar*
"An Integrated Three Stage Predictive Framework for Health Insurance Claim Denials"
Industrial and Systems Engineering: Prof. Mohammad T. Khasawneh

Yelena Khvatskaya*
"Emotional Reactions in Individuals with Psychopathic Traits in Social Interactions"
Clinical Psychology: Prof. Mark F. Lenzenweger

Hyobin Kim
"The Role of Criticality of Gene Regulatory Networks on Emergent Properties of Biological Systems"
Systems Science: Prof. Hiroki Sayama

Jayoung Kim
"Leader-Follower Dyads: A Review and Tests with Multiple Methods"
Management: Prof. Francis J. Yammarino

Paul D. Knowlton*
"Depth, Emotion, Trauma History, and the Physical Superiority Effect for Remembering Pictured Stimuli"
Clinical Psychology: Prof. Mark Lenzenweger

Pakayse Koken*
"Metaheuristics for a Profitability Assessment of the Production of Hybrid Products in a Closed-Loop Supply Chain with Remanufacturing"
Industrial and Systems Engineering: Prof. Sang Won Yoon

Matthew Lowell Kos
"Philosophical Anthropology, Temporality, Race"
Philosophy, Interpretation and Culture (PIC): Prof. Joshua Price

Karl Maxwell Kuntzelman*
"Accessibility of Non-Canonical Stimulus Dimensions to Early Visual Cortex and Behavior"
Cognitive Psychology: Prof. Vladimir Miskovic

Bengu Kurtege-Sefer
"The Apotheosis of the Green Revolution and the Throes of Landless Peasant Women in Two Aegean Villages of Turkey in the 1960s"
Sociology: Prof. Benita Roth

Alexandra Laletina
"Exploring Student Identity in a Language-Based Co-Curricular Program"
Educational Theory, Research and Practice: Prof. Marla Mallette

Derek T. Lan*
"The Sound of these Looms may be Heard at All Hours: Textile Manufacturing Work and Reform, Philadelphia County, 1788-1854"
History: Prof. Thomas Dublin

Justine Landin**
"Long-Term Behavioral Adaptations and Neuroplasticity Following Adolescent Anesthetic Exposure"
Behavioral Neuroscience: Prof. David Werner

Peter G. Lemons*
"The Effect of Depersonalization on Time Reproductions for Negative, Neutral, and Positive Images"
Clinical Psychology: Prof. Steven Jay Lynn

Jiamin Li*
"The Effects of Spatial Dynamic, Social Interaction and Collective Behavior on Diffusion Process"
Industrial and Systems Engineering: Prof. Mohammad T. Khasawneh

Shenglan Li*
"Refashioning Care: Nursing, Intimacy, and Citizenship, 1900-1950"
History: Prof. Fa-ti Fan

Yinglei Li**
"Robust Vehicle Routing in Disaster Relief and Ride-Sharing: Models and Algorithms"
Industrial and Systems Engineering: Prof. Sung Hoon Chung

Ruiyang Liu
"Aging of Polymer Materials and its Reliability Impacts"
Mechanical Engineering: Prof. Seungbae Park

Naorah Celia Lockhart*
"Applying Social Capital Theory to Research on Interprofessional Collaboration in Expanded School Mental Health"
Community and Public Affairs: Prof. Elizabeth Mellin

Pamela C. Lovejoy
"Sex-Specific Paraquat Susceptibility in D. Melanogaster"
Biological Sciences Program in Ecology, Evolution and Behavior (EEB): Prof. Anthony Fiumera
Dennis F. Lovelock**
“Sex-Specific Behavioral and Neuroendocrine Outcomes of Adolescent Stress”
Behavioral Neuroscience: Prof. Terrence Deak

Matthew Lundquist
“The Effects of Urbanization on Aquatic Insect Communities and Ecosystem Processes in a Medium-Sized City”
Biological Sciences Program in Ecology, Evolution and Behavior (EEB): Prof. Weixing Zhu

Zecong Ma
“The Impact of Relational and Visual Information on Online Users: Empirical Investigations in Crowdfunding”
Management: Prof. Qi Wang

Ian Fraser MacDonald
“Existential Challenge as Opportunity for Cultural Evolutionary Science: Possibilities for Use-Inspired Research Within the Intentional Community Movement”
Biological Sciences Program in Ecology, Evolution and Behavior (EEB): Prof. David Sloan Wilson

Anne Malaktaris*
“Attentional Capture to and Difficulty Disengaging from Pain-Related and Threatening Stimuli in Chronic Pain and Clinical Anxiety Populations”
Clinical Psychology: Prof. Steven Jay Lynn

Robert Edward Malay
“Development, Adaptation, and Characterization of Scalable Electronics Fabrication Processes for Devices and Components on Thin Flexible Glass”
Industrial and Systems Engineering: Prof. Mark Poliks

Jackson F. Malle
“Making Movies: Reflexivity, the Auteur, and the Pragmatics of Contemporary Film Production”
Anthropology: Prof. Douglas R. Holmes

Sarah Rebecca Marcus*
“Characterizing the Effects of Atrazine Exposure on Drosophila Melanogaster Life History Traits and Identifying the Genetic Basis to Responsiveness”
Biological Sciences: Prof. Anthony Fiumera

Benjamin John Marley
“Agricultural Revolutions in America’s Heartland: The Corn Belt and the Making of American Capitalism”
Sociology: Prof. Jason Moore

Claudia Martin
“Place and Displacement: The Unsettling Connection of Women, Property, and the Law in British Novels of the Long Nineteenth Century”
English: Prof. Michael J. Conlon and Prof. Nancy Henry

Reed Ian Maxwell*
“Cognitive, Affective, and Behavioral Predictors of Situation Selection and Situation Modification”
Clinical Psychology: Prof. Steven Jay Lynn

Laura Mc Ardell
“Mechanisms of Efficacious Telepsychoeducation”
Clinical Psychology: Prof. Jennifer Gillis

Renee C. McDonald**
“Stewards and Substitutes: Character Reactions to Objects of Power in J. R. R. Tolkien and Charles Williams”
Comparative Literature: Prof. Luiza Moreira

Ryan William Mead**
“Dispossession, Transformation, and Representation: Producing Capitalist Agriculture in the Lower Colorado River Borderlands, 1540-1911”
Sociology: Prof. Richard Lee

Patrick David Milano
“Mixed Ghost Spaces”
Mathematics: Prof. Alexander Borisov

Elin Mina*
“Interaction of the Host with Staphylococcus Aureus Persister Cells and Upon Cell Awakening”
Biological Sciences: Prof. Claudia Marques

Mert Moral*
“The Bipolar Voter: On the Effects of Political Polarization on Voter Turnout and Voting Behavior”
Political Science: Prof. Michael D. McDonald

Yuling Niu**
Mechanical Engineering: Prof. Seungbae Park

Patrick James O’Brien*
“Starting Points for the Study of Non-Fermi Liquid-Like Properties of Fecras”
Physics: Prof. Michael Lawler

Francis Juma Oson*a
“Design and Synthesis of Novel Flavonoid Derivatives for Green and Sustainable Nanotechnology, Environmental and Potential Biological Applications”
Chemistry: Prof. Omowunmi A. Sadik

Mehmet Ozdogan
“Fabrication and Characterization of Mems Repulsive Force Devices”
Mechanical Engineering: Prof. Shahrzad “Sherry” Towfighian

Jason Rhys Parry**
“Ruiniology: Speculative Reconstruction in Literature and Architecture”
Comparative Literature: Prof. Jeroen Gerrits

Patchani Essossimma Patabadi
“Reconstructing the Diasporic African Woman: Gender, Race, Class and the Making of a Constructive Radical African Feminist”
Comparative Literature: Prof. Luiza Moreira

Amanda Lore Patterson**
“Cyborg Futures: An Examination of Asimov, Gibson, and Sawyer”
Comparative Literature: Prof. Luiza Moreira

Cammy Pedroja**
“Notes on Vanishing”
English: Prof. Joseph Weil

Gaurav H. Phadke
“Assembly Process and Reliability Evaluation for a High Density Step Assembly”
Industrial and Systems Engineering: Prof.

Christopher Greene

Daniel Oluwagbemileke Popoola
“Influence of Natural Variations in Maternal Care on Ethanol Use-Related Behaviors: Potential Roles of Gonadal Hormones and the γ-Aminobutyric Acid System”
Behavioral Neuroscience: Prof. Nicole Cameron

Estacy Porter*
“Developing an Executive Level Army Public Health Nurse Competency and Evidence Based Toolkit for Leadership and Mentorship Development”
Community Health NP: Prof. Gale Spencer

Omaimah Qadhi
“Understanding Families’/Surrogate Decision Makers’ Experience of Making Decisions for Critically Ill Individuals in Saudi Arabia”
Nursing: Prof. Carolyn Pierce

Nilima Babi*
“Pure Contamination: Autoimmunity in the Aftermath of Reason”
Comparative Literature: Prof. Jeffner Allen

*Degrees awarded summer 2017  |  **Degrees awarded fall 2017
Sudhindra Balakrishna Rao
“EvoS Lifestyle Project: A Randomized Controlled Trial to Test the Efficacy of a Paleolithic Diet”
Biological Sciences Program in Ecology, Evolution and Behavior (EEB): Prof. David Sloan Wilson

Joyce M. Rhodes-Keefe**
“Exploring the Effectiveness of an Educational Intervention and Time on Knowledge, Attitudes, and Behaviors Regarding Tobacco Use and A Tobacco-Free Policy on a Northeastern University”
Nursing: Prof. Geraldine Britton

John Patrick Riley*
“This is the Last Time I Shall Ever Leave My Family: American Fatherhood and Family in the Civil War Era”
History: Prof. Diane Miller Sommerville

Anthony Thomas Robilotto
“Assessing Cryosurgical Parameters and Cellular Responses Using a Tissue Engineered Model”
Biological Sciences: Prof. John G. Baust

Kenneth E. Roon**
“Paradise Circus: The Satirical Use of Sex in The 120 Days of Sodom, Brave New World, and Nineteen Eighty-Four”
Comparative Literature: Prof. Zoja Pavlovskis-Petit

Agnitra Roy Choudhury
“Paid Family Leave, Children’s Health & Well-Being”
Economics: Prof. Solomon Polachek

Todd Christopher Rutkowski
“Magnetic Phases of Large-Spin Ultracold Bosons”
Physics: Prof. Michael Lawler

Jessica Danielle Saalfield**
“Ontology of Ethanol Aversion”
Behavioral Neuroscience: Prof. Linda P. Spear

Elizabeth A. Sacchi
“Individual Differences in Visual Representations of Orthography across Development”
Cognitive Psychology: Prof. Sarah Laszlo

Shawn Sallis**
“Understanding the Intrinsic Electrochemistry of Ni-Rich Layered Cathodes”
Industrial and Systems Engineering: Prof. Louis F. J. Piper

Zartasha T. Samson**
“The Inheritance: A Historical Novel”
English: Prof. Joe Weil

Kimberly Lynne Santucci**
“Combinatorial Strategies and Molecular Targets for the Treatment of Androgen Independent Prostate Cancer with Cryosurgical Applications”
Biological Sciences: Prof. John G. Baust

Hande Sarikuzu
“Bargaining for Helal Justice: A Political Ethnography of Transitional Justice in Turkey”
Anthropology: Prof. Thomas M. Wilson

Alexander John Schaefer*
“Permutable Matchings and Negative Cycle Vectors”
Mathematics: Prof. Thomas Zaslavsky

Nasser Sharareh**
“Proposing Population Health Interventions to Improve Health Outcomes Using System Dynamics Methodology and GIS Mapping”
Industrial and Systems Engineering: Prof. Nastin S. Sabounchi

Rukhsar Sharif**
“The Relation Between Acculturation and Innovation in Higher Education: Implications for Instruction”
Educational Theory, Research and Practice: Prof. Candace Mulcahy

Yong Shi
“Synthesis, characterization and optimization of multi-electron cathode materials for lithium ion batteries”
Chemistry: Prof. M. Stanley Whittingham

Charandeep Singh
“Dynamic Fracture of Brittle Materials”
Mechanical Engineering: Prof. Seungbae Park

Rachel Kate Skipper
“On a Generalization of the Hanoi Towers Group”
Mathematics: Prof. Marcin Mazur

Graciela Maria Solano
“The Influence of Participation in the Healthy Choices Program for Community Dwelling Individuals with a Mental Health Diagnosis”
Nursing: Prof. Carolyn Pierce

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“Consider the Kids: The Effectiveness of a Fetal Effect Educational Video on Pregnant Women’s Knowledge and Self-Efficacy Related to Tobacco Use”
Nursing: Prof. Geraldine Britton

Michele Louise Summers
“Hospital Readmission Reduction Programs in Upstate New York: Correlates, Best Practices, & Nursing Contributions”
Nursing: Prof. A. Serdar Atav

Adeel Tariq*
“Essays on Banking Efficiency, Risk and Productivity”
Economics: Prof. Subal Kumbhakar

Amanda L. Taylor*
“Locally Solvable Subgroups of PLo(I)”
Mathematics: Prof. Matthew G. Brin

Salih Tutun
“Robust Framework for Investigation and Detection of Adversarial Activities”
Industrial and Systems Engineering: Prof. Mohammad T. Khasawneh

Sri Siddhi Navnit Upadhyay
“Bringing Characters to Life: What Do Readers ‘Hear’ When Reading Stories?”
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Brant William Venables
“Remembering the Revolution: Monuments and Commemorations of American Revolutionary War Sites in New York”
Anthropology: Prof. Randall McGuire

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“Essays in Human Capital”
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“Band Engineering Transparent Metal Oxide Semiconductors: Disorder, Coordination, and Orbital Hybridization”
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Eric Walsh
Political Science: Prof. Michael D. McDonald

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Philosophy, Interpretation and Culture (PIC): Prof. Jefferie Allen

Jing Wang
“A Study on Thermal and Moisture Impact on Reliability of Electronic Packaging”
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Xiaoliang Wang
“Context-Aware, Sustainable Mobile Cloud Computing for Pervasive Health Monitoring”
*Electrical Engineering: Prof. Zhanpeng Jin*

Linda Wairimu Wangoh**
“Understanding Lithium Ion Insertion Mechanism in Vanadium Based Cathodes for Lithium Ion Batteries”
*Physics: Prof. Louis F. J. Piper*

Jennifer Wegmann
“The Moderating Effects of Stress Mindset on Well-Being”
*Community and Public Affairs: Prof. Shelley Dionne*

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“Geometric Techniques for Laplace and Dirac Operators”
*Mathematics: Prof. Paul Loya*

Isabelle Weishaar
“The Effects of Rho-Associated Kinase (ROCK) Inhibition or the Cytokine IL-26 on TNF-Alpha Induced Cytokine Secretion by Intestinal Epithelial Cells”
*Biological Sciences: Prof. Dennis McGee*

Michael Seth Weiss
“Neural Coding of Gustatory Information in the Nucleus of the Solitary Tract in Lean and Obese Freely Licking Rats”
*Behavioral Neuroscience: Prof. Patricia M. Di Lorenzo*

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“October Stars”
*English: Prof. Alexi Zentner*

Joshua Whaley*
“Marriage Equality and Mass Attitude Change: The Roles of Cohort Replacement, Information Flow and Social Identity”
*Political Science: Prof. Jon Krasno*

Kayla Whearty*
“Does Anhedonia Reflect an Emotional Memory Impairment for Pleasant Stimuli in People with Schizophrenia?”
*Clinical Psychology: Prof. Gregory Strauss*

John Francis Wolters
“Mitochondrial Genome Evolution in Yeast”
*Biological Sciences: Prof. Heather L. Fiumera*

Mary Louise Woody*
“Using Steady-State Visual Evoked Potentials to Evaluate Selective Attention toward Emotional Stimuli in Remitted Depressed Women: Impact of a Negative Mood Induction, Brooding Rumination, and Respiratory Sinus Arrhythmia”
*Clinical Psychology: Prof. Brandon Gibb*

Wei Wu
“Tuning Sensing Properties of Fluorescent Conjugated Polyelectrolytes Through Multidentate Design”
*Chemistry: Prof. Wayne E. Jones Jr.*

Xiang Xu
“Three Essays on Chinese Economy”
*Economics: Prof. Subal Kumbhakar*

Gullistan Yarkin**
*Sociology: Prof. Leslie Gates*

Chenglin Yi
“Nanomechanical Z Shape Folding and Unfolding of Graphene and Carbon Nanotubes and their Metal Composites”
*Mechanical Engineering: Prof. Changhong Ke*

Ibrahim Yilmaz
“Distributed Decision Algorithms for Fair Resource Allocations in Collaborative Networks”
*Industrial and Systems Engineering: Prof. Sang Won Yoon*

Eunsoo Yoo*
“Activatable Interpolymer Complex-Superparamagnetic Iron Oxide Nanoparticles (IPC-SPIOs) as Magnetic Resonance Contrast Agents Sensitive to Oxidative Stress”
*Biomedical Engineering: Prof. Amber Doiron*

Edward Patrick Zegarra
“Partnerships for Patrimony: Designing and Developing a Community Archaeology Program in the Peruvian Central Highlands, Huari, Ayacucho, Peru”
*Anthropology: Prof. William H. Isbell*

Nicole Rochelle Zhang
“A Grounded Theory of Urinary Incontinence Using a Transcultural Perspective”
*Nursing: Prof. Carolyn Pierce*

Qiongyao Zhang*
“CEO Compensation around Spinoffs”
*Management: Prof. Steven Schwartz*

Ying Zhang
“Parallel XML and XPath Parsing”
*Computer Science: Prof. Kenneth Chiu*

Bichen Zheng
“Contact Center Optimizations by Decision Support Systems in Forecasting, Routing, and Scheduling”
*Industrial and Systems Engineering: Prof. Sang Won Yoon*

Yilong Zheng**
“Empirical Investigations of Social Influences on New Business Models”
*Management: Prof. Qi Wang*

Gaoqiang Zhuo
“Ensuring Security and Privacy for Cloud-Assisted Mobile Crowd Sensing”
*Electrical Engineering: Prof. Linke Guo*

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Service to Department in Electrical and Computer Engineering

Mahdi Farahikia
Service to Department in Mechanical Engineering

Chendong Han
Academic Excellence in Biomedical Engineering

Tian He
Excellence in Systems Science Research

Nourma Khader
Academic Excellence in Industrial and Systems Engineering

Hyobin Kim
Academic Excellence in Systems Science

Ruiyang Liu
Academic Excellence in Mechanical Engineering

Melissa Marquez
Service to Department in Industrial and Systems Science

Yuling Niu
Excellence in Mechanical Engineering Research

Salih Tutun
Excellence in Industrial Engineering and Systems Science Research

Ronghua Xu
Excellence in Electrical and Computer Engineering Research

Farnaz Zamani Esfahlani
Service to Department in Systems Science

Qiao Zhang
Academic Excellence in Computer Science

Zao Zhang
Academic Excellence in Electrical and Computer Engineering
CANDIDATES FOR CERTIFICATES OF ADVANCED STUDIES AND MASTER’S DEGREES

COLLEGE OF COMMUNITY AND PUBLIC AFFAIRS

Dean Laura R. Bronstein

Advanced Certificate for Social Work in Health Care
Brittany Ann Bennett

Advanced Certificate in Teaching English to Speakers of Other Languages
Christine Collette Gregoire*
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Helga Elisabeth Jensen**
Tessa Pozzi
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Certificate of Advanced Studies in Educational Leadership
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Martha Rose Engle
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Chaouki Ouadah
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Kaitlin B. Biagiotti
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Clare Margaret Gilroy**
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Master of Arts in Teaching in Chemistry Adolescence Education, 7-12
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Master of Arts in Teaching in Earth Science Adolescence Education, 7-12
Kathryn Marie DeSisto**

Master of Arts in Teaching in English Adolescence Education, 7-12
Robert James Black**
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Andrew T. Sweeney**

Master of Arts in Teaching English to Speakers of Other Languages
Erika Drake**
Kun Liu

Master of Arts in Teaching in Mathematics Adolescence Education, 7-12
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Master of Arts in Teaching in Physics Adolescence Education, 7-12
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Master of Arts in Teaching in Social Studies Adolescence Education, 7-12
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Michael Kenneth Pallassino**
William L. A. Slocz**
Justin Earnest Richard Swart
Robert Constantine Thomaris
Jessica Mary Washnis**

Master of Arts in Teaching in Spanish Adolescence Education, 7-12
Bernardo N. Torres**
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Master of Public Administration
Adbul Waheed Ahmad
Olushola Oluwolere Ajadi
Nicole Agnes Angelo
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David Bass
Vivian Batista Ibanez
Christine M. Battist
Nancy L. Baudendistel**
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Sarah Elizabeth Boniche
Nicole Josephine Bruno
Emily Burgoon
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Jobin Money Chacko**
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Mariama Tiodja Coulibaly**
Christina J. Cramer**
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Laila Davis Clark
Martha Rose Engle
Kara Leanne Fisher

Master of Public Administration
Adbul Waheed Ahmad
Olushola Oluwolere Ajadi
Nicole Agnes Angelo
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David Bass
Vivian Batista Ibanez
Christine M. Battist
Nancy L. Baudendistel**
Stephen Paul Baumgarten
Kimberly Bellido
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Sarah Elizabeth Boniche
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Bret Michael Celeste**
Jobin Money Chacko**
Sam Mackenzie Clark
Mariama Tiodja Coulibaly**
Christina J. Cramer**
Kyle Michael Davis
Laila Davis Clark
Martha Rose Engle
Kara Leanne Fisher

*Degrees awarded summer 2017   |   **Degrees awarded fall 2017
Master of Science in Student Affairs Administration
David Bass
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Nicole Brooks
Shawn Michael Butler
Lisa Marie DeMilio**
Jesus Garcia
Reginald Thomas Gardner**
Cheyenne Marie Gorton
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William Leon Hsu
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Aaron Alexander Perkins
Chelsey Pitcher
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Anna Victoria Rondon
Thomas Severin
Alexis Kathryn Smith
Kristin Lynn Thomas
Shunwen Wu

Master of Science in Education in Literacy Education, 5-12
Kristin Julia Marzo**
Kasandra Deane Prikazsky
Domenica Scarpicchia
Brittany Schuhle*
Abbey M. Spencer**
Kristy Ann Weston**
Cara Christine Wijkowski**
Christopher P. Winch**
Vincent Paul Fredericks

Master of Science in Education in Spanish Adolescence Education, 7-12
Elizabeth A. R. Hall**

Master of Science in Education in Special Adolescence Education, 7-12
Brendan John Creegan
John M. Ketchoyian*
Matthew J. Strick*
Luke S. Tonjes**

Master of Science in Education in Special Education, Birth-6
Caitlin M. Christoffersen
Marissa Laurette Lawrence**

Master of Science in Education in Special Education Childhood Education, 1-6
Allison N. Haskell**
Megan Denise Williams

Master of Science in Education in Teaching English to Speakers of Other Languages
Joy Elizabeth Miller**

Master of Science in Educational Studies
Allison M. Backer**
Jacqueline M. Firenze
Adam John-Francis Kozina**
Adam Sean McIe**
Handing Yang

Master of Social Work
Leslie Apacible
Arlene Anatole Arisme
Danielle M. Bannister**
Mindy Sue Barnes
Amanda L. Baronowski**
Thaddeus Dizon Bates
Rachel Nicole Beck

Master of Science in Education in Community Health Nursing
Heidi Marie Meschter
Neda Shamsalizadeh

DECKER SCHOOL OF NURSING
Dean Mario R. Ortiz

Post-Graduate Certificate in Family Nursing, Nurse Practitioner
Lori Louise Davis
Jill McLaughlin
Julie Lynn Richards

Post-Graduate Certificate in Family Psychiatric Mental Health Nursing, Nurse Practitioner
Enoh Ekokotu
Michelle Farrell
Robert Craig Hamilton
Kharen Deon Johnson
Rhonda Lokireddy
Kara Lynne Sell

Post-Graduate Certificate in Forensic Health
Rini Simon Chennattu
Rhonda Lokireddy

Post-Graduate Certificate in Nursing Education
Heidi Marie Meschter

Master of Science in Adult Gerontological Nursing
Amal Wans N. Alanizi

Master of Science in Adult Gerontological Nursing, Nurse Practitioner
Maryam Omar
Oksana Trushky

Master of Science in Literacy Education, Birth-6
Ashley Noel Broderick**
Joelle Antoinette DeJohn**
Loganne Alexis-Rae Di Russo**
Meaghan Keesler**
Airyell Olivia Kennerup**
Jessica L. Maney

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Matthew Ann Bennett
Patrick James Beylo
Shanel Aliah Boyce
Tiffany Lynn Carr
Alicia Denise Clapper
Magdalena Clemene
Christina J. Clouse-White**
Amanda Kay Duncan
Jessica Elliott
Kurtis Todd Ellison
Virginia Leigh Evans
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Megan A. Hogan**
Jennifer A. Jackson**
Yvette M. Johnson**
Gregory Harris Komar
Traci Lyn Kramer
Katelyn Claire Lapan
Markus Larson
Erin Elizabeth Law
Brooklynn Elaine Lee
Esther Abigail Louis-juste
Michelle Adrieenne Marfa
Maranda Leigh McFadden**
Griffin Elizabeth McIver
Jessica L. Meade**
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Hannah Midlar
Melissa Rose Millen
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Derek Eamonn Murphy
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Dorothea Verity Primavera
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Katerine R. Schild**
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Charles Wells Shaw
Eboniqua Smith
Bonnie Lynne Stathis
Laura Bradley Sullivan
Candidates for Certificates of Advanced Studies and Master's Degrees

Master of Science in Community Health Nursing, Nurse Practitioner
Catherine Mary Carswell

Master of Science in Family Nursing, Nurse Practitioner
Rachel Elizabeth Ayers

Ramsie J. Stephens
Nashony Sappleton
Emily Ann Ross
Kara Elizabeth Mehnert
Billy Manuel
Cayla Fendick
Jennifer Lyn Duppert
Rini Simon Chennattu
Sarah Ann Chambers

Nursing, Nurse Practitioner
Psychiatric Mental Health

Master of Science in

Ching-Yi Wu
Brittany Lynn Wilson
Linda West
John Wilcox Tarbox
Tiffany Leigh Talbut
Nikkie Strauf
Rachael Nicole Stevenson
Shannon G. Stark
Christopher Michael Smart
Michael P. Reistetter
Sarah Richeda
Kelli Rifenburgh
Heather T. Rosa
Sarah Rachel Runyon
Matthew Sargent
Robert L. Seeley
Christopher Michael Smart
Shannon G. Stark
Rachael Nicole Stevenson
Nikkie Strauf
Tiffany Leigh Talbut
John Wilcox Tarbox
Linda West
Brittany Lynn Wilson
Ching-Yi Wu

Master of Science in
Psychiatric Mental Health Nursing, Nurse Practitioner
Sarah Ann Chambers
Rini Simon Chennattu
Jennifer Lyn Duppert
Cayla Fendick
Billy Manuel
Kara Elizabeth Mehner
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Samuel Michael Bourcy
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Wei Yi Guo
Gabrielle M. Hanley-Mott
Kasey Joseph Heiser
Angela A. Mccomb*
Rebekah Callin Montgomery**
Arianna M. Stimpfl**
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Shannon Rosemary Torrens
Allyn Underwood*
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Alex Daniel Velez**
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Allison Coppola
Kaeun Park

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Yeyoon Cho*
Jiacheng Dong
Chunhua Li

Master of Arts in Biological Sciences
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Stephanie B. Cordeiro*
Bryce Harrington Farrell
Matthew Ryan Feldman
John Gerard Kelly
Weiwei Liu
Carol Ann Pawlyshyn
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Tomas Alexander Quezada
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Amenzesiofo Stephanie Uzamere

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Jumanah Alqasem**
Iryna Anufriyeva
Mingxi Chen
Huiyan Cui**
Volkan Eroztexkin**
Qingyun Gao**
Robert Francis Hopkins
Baro Jun
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Justin L. Kizner
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Thanh Minh Pham**
Mohammad Abu Baker Siddick**
Qishi Su**
Yixiang Wu**
Yan Yang**
Qinran Zhu

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Anam Alahmari
Kendall Elisabeth Geed
Ethan Sean Gormley**
Jenna Lee Kennard**
Ashley Lynn Montgomery
Madison Katherine Elizabeth Nelson-Turner**

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Orlando Jesus Batista-Moraes
Juan Rafael Cordova
Brenden Michael Geraghty
Alyssa Ewing James
Daniella Chinomso Madubahike
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Angela Kim

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Bahati Abrihet Barton
Andrew R. Kittleson**
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Michael Nicholas McAndrew
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Seokho Park
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Ashley Danielle Baker
Lily D. Brine
Nicoleda Danielle Bunyea
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Sierra Sky Cotrona
Margaret Lynn Duris
Helen Frazer
Shanita Li

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- Eric Bidwell
- Wayne Thomas Buerkle
- Thomas Patrick Burke
- Alexandre Lindsay Capodeci
- Steven Carlson
- Gabriel Chan
- Victor Chan
- Hsiu-Wei Chang
- Tristan Chang
- Christina Chen
- Hing Lok Jonathan Cheng
- Geunsu Cho
- Andrew Chaoi
- Brigitte Cohen
- Erica G. Concors
- Salvatore Joseph Costa
- Larry Crawford
- Ryan P. Crossan
- Nils E. Deste
- Lindse Lee Dugan
- Roxanne Venice Duquesnay
- Rachel Elana Ehrenreich
- Brian Jared Equinda
- Evrim Esen
- Daniel Farrell
- Ryan Michael Floyd
- Thomas Vincent Frankini
- Nicholas J. Franklin
- Gretchen Kathleen Gartman
- Daniel Alexander Gelbwaks
- Renny J. George
- Yelena Glazoun
- Matthew Joseph Gold
- Charles Leigh Goldberg
- Daniel Peter Graziosi
- Daniel Robert Greenberg
- Sean Greer
- Abhinav Gupta
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- Hannah Marie Hauser
- Samantha Lenore Hernandez
- Benjamin David Hersh
- Phong Duy Ho
- Hang Bich Huynh-Le
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Rachel Reynolds
Sarah Richeda
Kelli Rifenburgh
Kara Roberts
Linda Robbuck
Heather Rosa
Sarah Runyon
Devon Sadloski
Laura Santosuosso
Nashon Sapleton
Matthew Sargent
Chase Sarvis
Kirsten Sawyer
Megan Scharfshwitz
Stephanie Schechter
Zachary Schleier
Julia Schultz
Robert Seeley
Nicholas Sees
Joshua Segovia
Sabri Selloufi
Olivia Sgambellone
Molly Shaughnessy
Stephanie Shellman
Megan Shultz
Hannah Simmons
Pui Ling Sit
Christopher Smart
Graciela Solano
Anna Spencer (Bordi)
Heidi Stahl
Shannon Stark
Nina Statile
Ramsie Stephens
Lauren Stiles
Nikkie Strauf
Caitlin Sullivan
Megan Sullivan
Michele Summers
Tyler Sutton
Jennifer Swaine
Zara Syed
Tiffany Talbut
Mehmed Talovic
John Tarbox
Abigail Tierney
Edwin Torres
Oksana Trushky
Jessica Tucciareone
Stefani Vail
Sara VanCott
McKenzie VanDermere
Catherine Vannicola
Kathryn Villaverde
Kristen Vito
Jack Vivona
Nhu Vu
Sarah Ward
William Ward
Hannah Watrobski
Victoria Weir
Donna West
Maria Wheelock
Brittany Wilson
Tak Yan
Reham Yasin
Megan Yattaw
Rachel Zahra
Nicole Zhang
Kenny Zheng
Sandra Zhu
Binghamton University opened its doors as Triple Cities College in 1946 to serve the needs of local veterans returning from service in World War II. Originally located in Endicott, five miles west of the present campus, the fledgling school was a branch of Syracuse University. Four years later, when the college was incorporated into the State University of New York, it was renamed Harpur College in honor of Robert Harpur, a Colonial teacher, patriot and pioneer, who devoted his later years to settling the area around Binghamton.

Until 1953, Harpur College was one of only two public liberal arts colleges in the state. In 1961, the campus was moved across the Susquehanna River to Vestal. Growing enrollment and a reputation for excellence soon led to the selection of Harpur College as one of four doctorate-granting university centers in the state system. In 1965, the campus was formally designated the State of New York at Binghamton. Binghamton University was adopted as its informal name in 1992.

Today, Binghamton University is known for the excellence of its students, faculty, staff and programs, and enrolls more than 17,000 students in programs leading to bachelor’s, master’s and doctoral degrees. More than 13,600 students are undergraduates and more than 3,600 are graduate students. Its curriculum, founded on the liberal arts, has expanded to include selected professional and graduate programs.

The University offers more than 100 major degree programs across its six academic divisions and is recognized as the most selective and prestigious university in the SUNY system. College guides such as the Fiske Guide to Colleges have dubbed Binghamton a “premier public university in the Northeast.” Students actively take part in internships, study-abroad programs, honors programs, Division I athletics and many of the 300+ student organizations on campus. They enjoy attractive, comfortable living-and-learning residences, and they give faculty high marks for being approachable and inspirational.

Binghamton’s faculty and students come from more than 100 countries, bringing with them many different cultures and backgrounds and representing a wealth of ideas. It has an excellent research library, outstanding computer facilities, a superb performing arts center, a teaching greenhouse, a 190-acre Nature Preserve, an Events Center and more.

Binghamton is a highly regarded research university, yet, at the same time, is as accessible as a smaller school. Retention is well above national averages, and more undergraduates are admitted into nationally ranked, rigorous graduate programs than is the norm nationally for public research universities.
ACADEMIC REGALIA

The shapes, colors and trim of gowns, hoods and caps indicate the academic degree, the school granting the degree and the subject of study. The higher the degree, the more elaborate the costume. Gowns are distinguished by the shape of the sleeves. Bachelors’ gowns have pointed sleeves, masters’ have sleeves cut square at the back and doctors’ gowns also have velvet facing and three velvet bars on the sleeves that are either black or a color indicating the degree: dark blue for philosophy; light blue for education; golden yellow for science; pink for music; orange for engineering; brown for fine arts; white for arts, letters and humanities; and copper for economics.

Hoods are distinguished by length, lined with the official color(s) of the conferring institution and trimmed with a color indicating the subject in which the degree is granted. Blue and gold, the color of the State University of New York, are in the hoods of all those who will receive a doctorate today, including honorary degree recipients.

The cap or mortarboard is black, with a long tassel that may be black or the color appropriate to the subject. Only doctors’ caps may have a tassel of gold thread. It is customary for graduates to move tassels from right to left after degrees are conferred.
ABOUT BINGHAMTON UNIVERSITY

The international flags that hang in the Events Center during Commencement ceremonies and at other venues on campus during the academic year represent the more than 100 nations our students hail from. Flown since Commencement 1997, these flags are an important visual reminder that Binghamton University’s strength lies in its people who represent a great variety of cultures, backgrounds and ideas.

THE UNIVERSITY MACE

A gift of the Class of 1993, the University mace represents the magisterial authority of the University as an institution of higher learning. Such symbols go far back into antiquity, their use proclaiming the power of the holder. Today, the mace stands for the pre-eminence of the world of knowledge.

Professor John Thomson of the Department of Studio Art undertook the commission by the Class of 1993 for the University mace. Nearly three feet long, it is made of hand-turned, polished walnut. The spherical head has two inset cast-bronze facets in the shape of medallions. One bears the seal of Binghamton University. The other carries a high-relief rendering of Pegasus, the flying horse of Greek mythology, which as a part of the seal symbolizes the University’s aspirations for its future.
TRUSTEES, COUNCIL AND ADMINISTRATION

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Kristina M. Johnson

State University of New York Board of Trustees
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Courtney Burke
Marc Cohen
Eric Corngold
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Nina Tamrowski
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Curtis Kendrick, Dean of Libraries, University Libraries
Gloria Meredith, Founding Dean, School of Pharmacy and Pharmaceutical Sciences
Mario R. Ortiz, Dean, Decker School of Nursing
Krishnaswami Srihari, Dean, Thomas J. Watson School of Engineering and Applied Science
Aondover A. Tarhule, Vice Provost and Dean, Graduate School
ACCESSIBILITY SERVICES
If you or someone in your party is in need of accessibility services, visit our table on the Concourse near the entrance of the Events Center.

CAPTIONING
Similar to closed-captioning on television, our ceremonies will be transcribed. Real-time captioning will appear on the two overhead screens above the stage. Captioning will also be available with the online broadcast.

CEREMONY LENGTH
Each ceremony lasts approximately 90 minutes to two hours, depending on the number of graduates in the ceremony.

CONCESSIONS
Concessions are available when doors open and remain open throughout the ceremony. Food items are allowed to be taken to guest seats. Dispose of all trash at the nearest receptacle.

EMERGENCIES
Police and emergency medical staff are on site. An EMS station is located on the concourse level of the Events Center. If you need assistance, contact the closest usher. (Ushers can be identified by their volunteer name badges.)

In the event of a fire alarm, the building's emergency horns and strobes will be activated. Guests should carefully exit the building through the nearest exit. Be aware that the closest exit may not be through the same doors through which you entered the building. Ushers will assist in the orderly evacuation of the building.

LISTING OF GRADUATES
Inclusion in the program does not constitute evidence of completion of degree or honors requirements. Undergraduate students who filed a spring 2018 Application for Degree with the University's Student Records Office by March 23 are guaranteed to be in the program. Graduate students who filed a spring 2018 Graduate Application for Degree with the Graduate School by April 4 are guaranteed to be in the program. Those filed after the deadline may or may not appear, depending on the date of submission.

Recognition of Latin honors is based on the grade-point average at the end of the previous semester. In-progress courses are not included.

LOST CHILD
In the event a child has been separated from its family, immediately notify the nearest Events Center staff member or police officer who will attend to the child. There is a booth on the main concourse next to the main entrance for Lost Children. Event staff members will be wearing a green polo and a name tag.

GRADUATE PROCESSION
Graduates will process into the event arena in two lines, by degree level and alphabetically by department.

PHONES
Guests are asked to silence their cell phones for the duration of the ceremony. Your cooperation is greatly appreciated.

PHOTOGRAPHY
So that all may enjoy the majesty and joy of the occasion, we ask guests to refrain from approaching the stage to take pictures during the ceremony. Photographers from Commencement Photos, Inc. will be photographing our graduates as they cross the stage. For information on how to order prints, visit www.commencementphotos.com.

RESTROOMS
Restrooms are located on the East and West sides of the Events Center concourse.

SEATING
Guests may remain seated during the processional. Stand to sing the national anthem. For purposes of decorum and the safety of all guests, we ask that the aisles remain clear during the ceremony. Guests are asked to remain seated until the platform party, faculty and graduates have recessed. Your cooperation is appreciated.

The concourse level is reserved for handicapped-accessible seating. The stage is reserved for the platform party, senior administrators and faculty.

SIGN LANGUAGE INTERPRETERS
Sign language interpreters will be visible on the west side of the stage. For best viewing of the interpreters, sit in section 116.

SOCIAL MEDIA
For pictures and ceremony information, follow Binghamton University on Facebook, Instagram, Twitter and Snapchat.
### REGALIA HOOD COLORS

#### GRADUATE CEREMONY

**Doctoral Degrees**

<table>
<thead>
<tr>
<th>Color</th>
<th>Degree Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dark Blue</td>
<td>(PHD)</td>
</tr>
<tr>
<td>Apricot</td>
<td>(DNP)</td>
</tr>
<tr>
<td>Light Blue</td>
<td>(EDD)</td>
</tr>
</tbody>
</table>

**Master’s Degrees**

<table>
<thead>
<tr>
<th>Color</th>
<th>Degree Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drab</td>
<td>(BUSINESS, ACCOUNTING, MGMT.)</td>
</tr>
<tr>
<td>White</td>
<td>(ARTS AND HUMANITIES)</td>
</tr>
<tr>
<td>Orange</td>
<td>(ENGINEERING)</td>
</tr>
</tbody>
</table>

#### CCPA CEREMONY

<table>
<thead>
<tr>
<th>Color</th>
<th>Degree Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Blue</td>
<td>(EDUCATION)</td>
</tr>
<tr>
<td>Peacock Blue</td>
<td>(PUBLIC ADMINISTRATION)</td>
</tr>
<tr>
<td>Citron</td>
<td>(SOCIAL WORK)</td>
</tr>
</tbody>
</table>

#### DECKER SCHOOL CEREMONY

<table>
<thead>
<tr>
<th>Color</th>
<th>Degree Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apricot</td>
<td>(NURSING)</td>
</tr>
</tbody>
</table>
ALMA MATER

IN THE ROLLING HILLS OF BINGHAMTON

Words by Xin Engel, music by David Engel ’86, arrangement by Daniel Fabricius

In the rolling hills of Binghamton
’Neath everchanging skies
Where two gently flowing rivers meet,
We form our cherished ties.

Together we spend these years,
United in our aim.
Through our bold pursuit of excellence,
We proudly bear your name.

Chorus:
O Binghamton, we carry thee
With us for all our time
And through us individually
Forever may you shine.